

# SYSTEM AND METHOD FOR PROVIDING COOPERATIVE RESOURCE GROUPS FOR HIGH AVAILABILITY APPLICATIONS

## Abstract

5 A system and method for providing cooperative resource groups for high  
availability applications, such as cluster databases, is described. A cluster  
framework, including a plurality of nodes, is built. A plurality of cooperative  
resource groups is formed, each including a logical network address, at least one  
monitor and an application providing services and externally accessed using the  
logical network address. A plurality of resources is structured, each including a  
10 cluster service supporting the services provided by each application. A preferred  
node for execution is designated for each cooperative resource group and one or  
more possible nodes are provided as standby nodes for each other cooperative  
resource group. The services are restarted on a surviving node off a critical path  
of the preferred node upon an unavailability of the preferred node, while the  
15 logical network address is kept available on each possible node for the  
cooperative resource group.

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